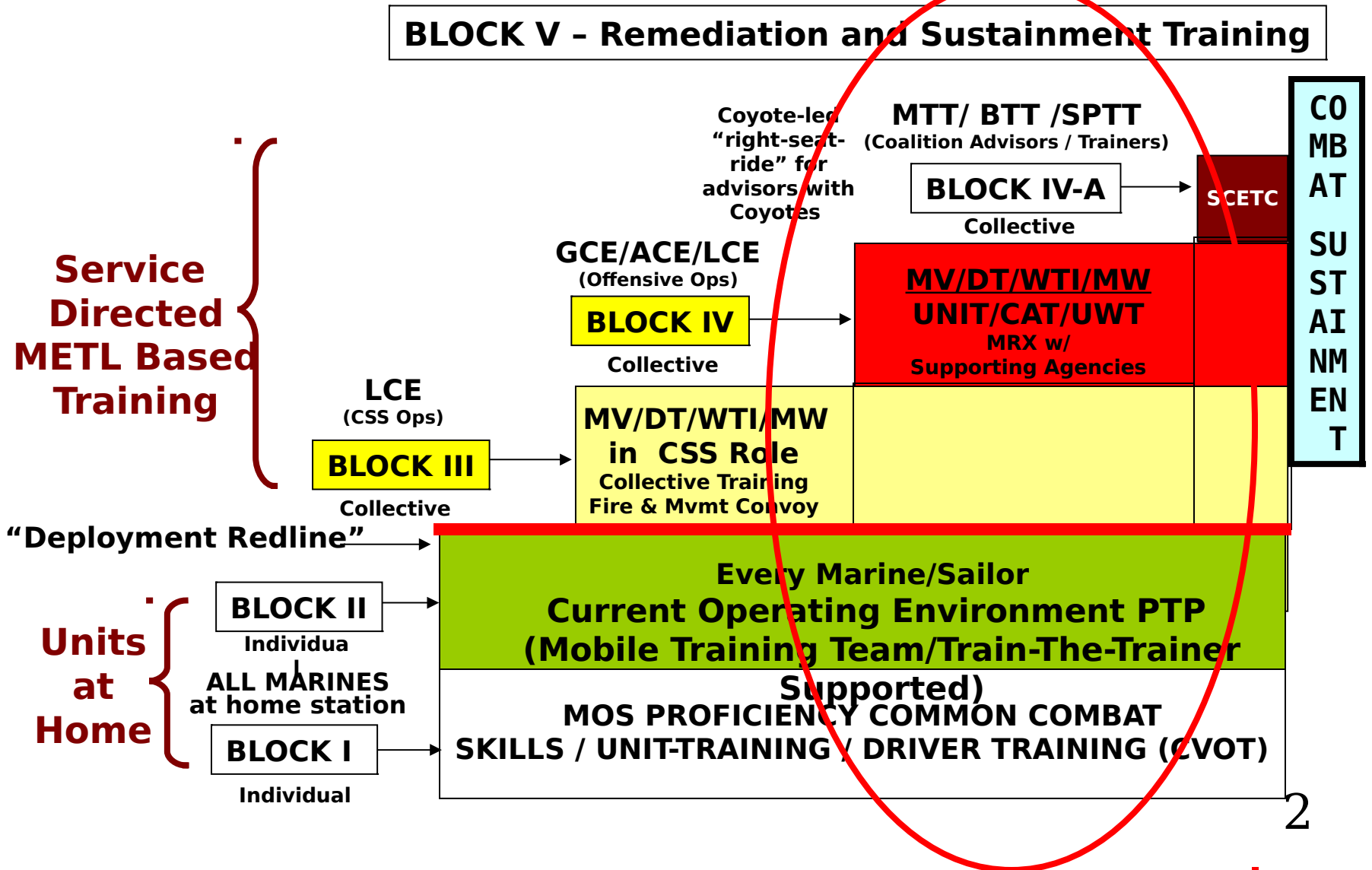
Mojave Viper Pre-Deployment Training

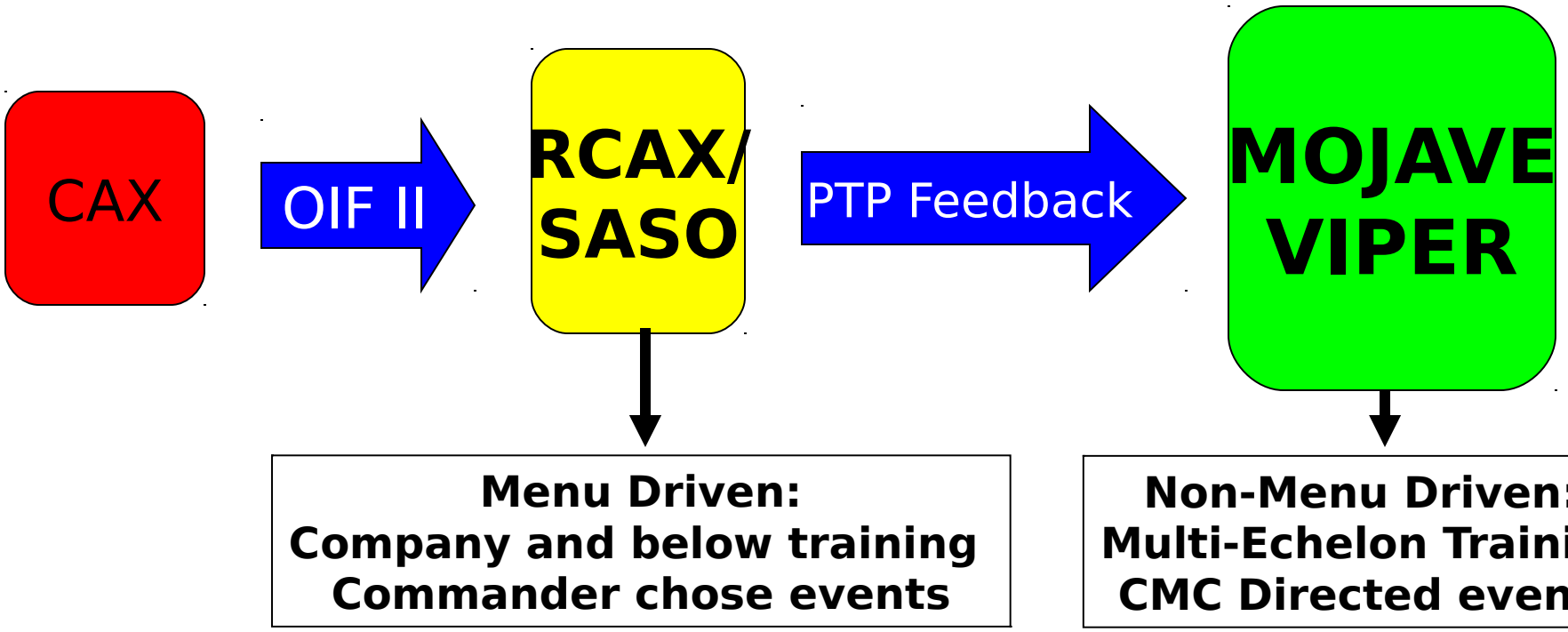
LtCol Williams

Coyote 3

Building Block PTP



Mojave Viper
(Son of RCAX, Son of CAX)



Mojave Viper is Pre-Deployment Training;
but, Pre-Deployment Training is not Mojave Viper

Mojave Viper

What It Is

- Facilitate Multi-Echelon EXFOR Training on:
  - *Core competencies*: Combined Arms, Urban Operations; a combination of skill sets acquired throughout the USMC training continuum
  - *Mission Rehearsal*: application of core competency TTPs and best-practices to specific operational environment.
- Scenario is METL-based; Events are same

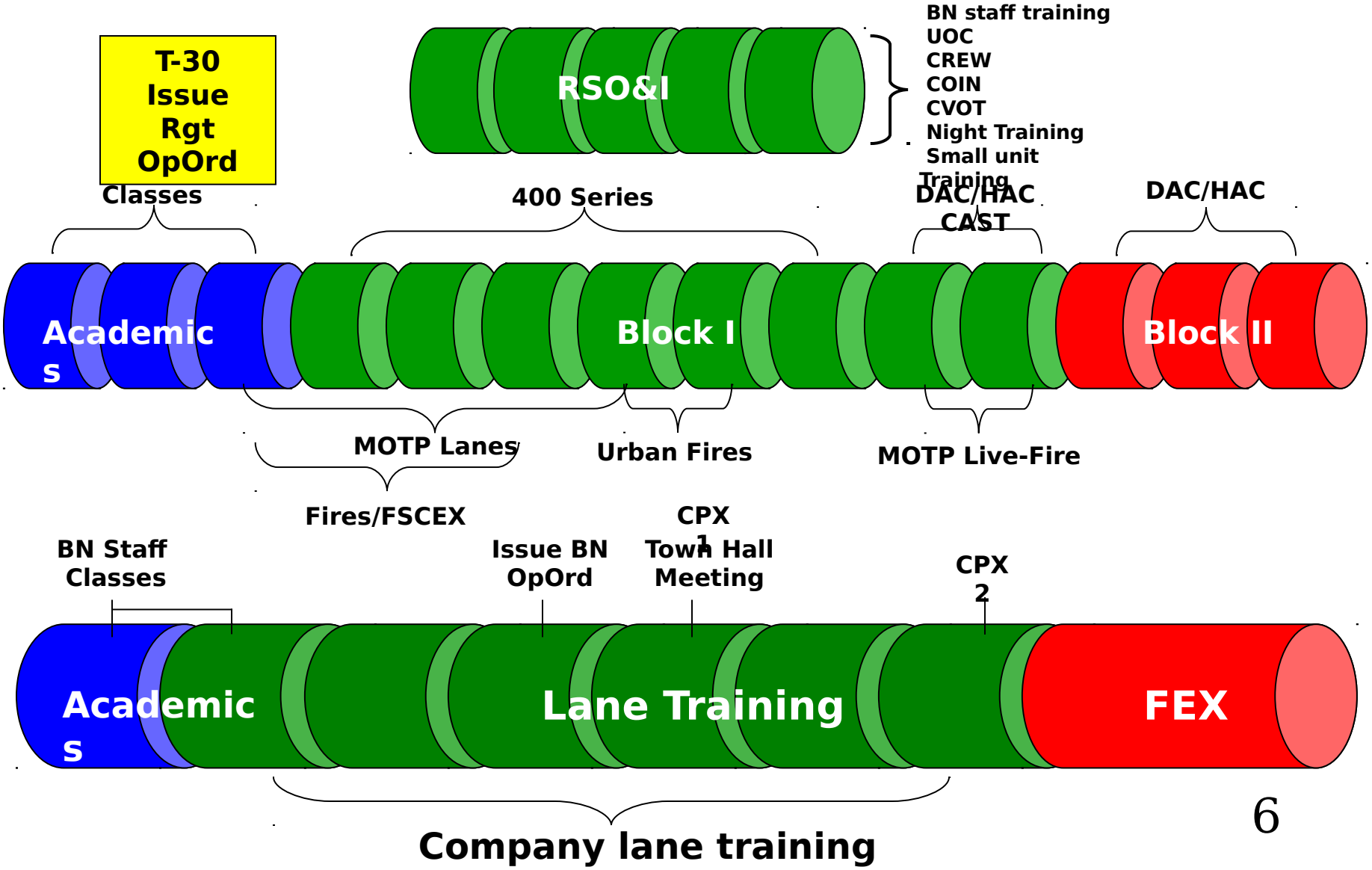
Mojave Viper is a venue where a unit conducts a Mission Rehearsal under a more permissive environment than anywhere else in the USMC

Mojave Viper

The Process…

- Crawl:
  - *Academics*: Combined Arms, Urban Operations, Counter-Insurgency
- Walk:
  - *Practical Application*: FiST Prac App, Lane Training, MOTP
- Run:
  - *Kinetic events*: 400 series / DAC
  - *Final Exercise*: application of core competency TTPs to specific operational environment.

Exercise Flow = 30 Days



TRANSITION TEAM TRAINING

- Purpose:
  - Provide a mission rehearsal for Transition Teams ISO of independent operations in IZ Theater of Operations. Focus is on Interaction with ISF, IPC, and Infantry BN that in their corresponding AO.

- Description:
  - Participate in all academics
  - Lane Training
  - BFT and CREW operators classes
  - Foreign Language specialist interaction
  - Incorporated into UWT FEX with ISF or IPs

- Participants:
  - Two teams Maximum

Plan and execute own training when not involved directly in MV EXFOR events

CSS TRAINING

- Purpose:
  - Provide a mission rehearsal for Combat Service Support elements of the MAGTF with a focus on interoperability with the supported unit.
- Description:
  - Participate in all academics
  - Lane Training/410A Modified
  - CLOC Operations
  - Mounted Operations
  - BFT and CREW operators classes
  - Foreign Language specialist interaction
  - Incorporated into UWT FEX as organizational logistics support
- Participants:
  - One CLB over two or more MVs.

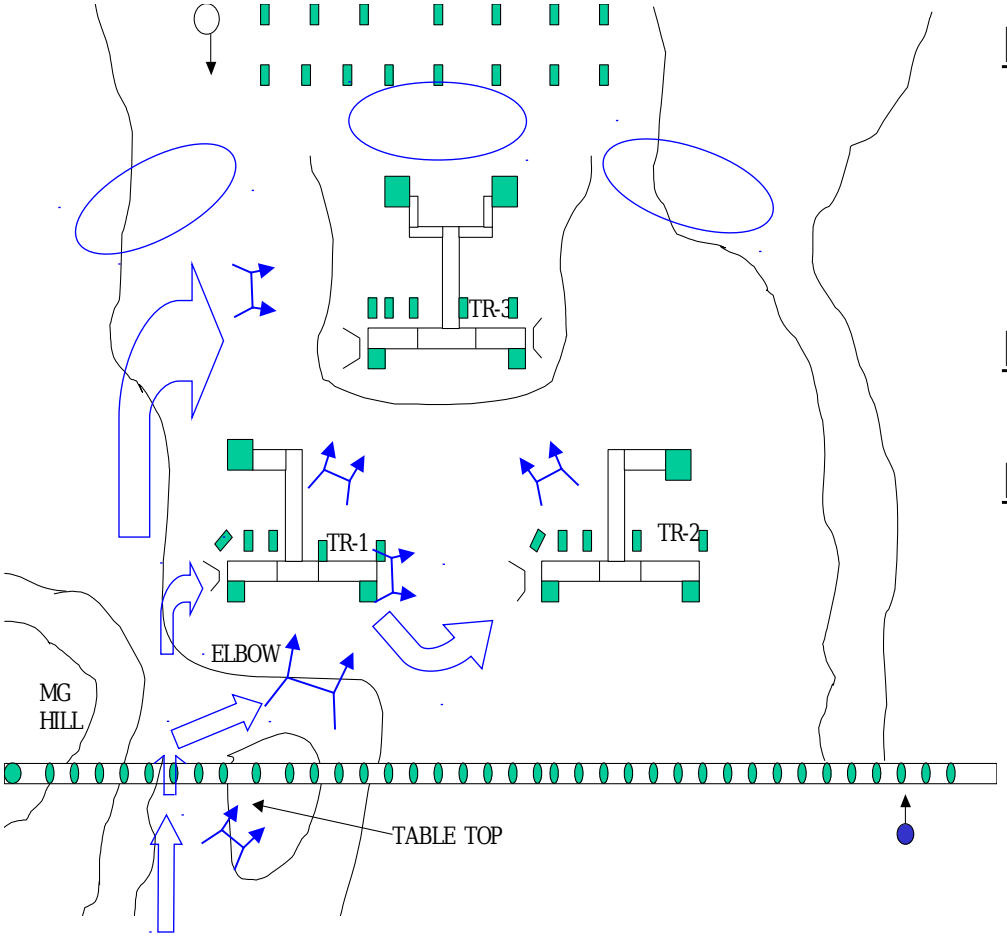
Plan and execute own training when not involved directly in MV EXFOR events

LIVE FIRE COMBINED ARMS EVENT DESCRIPTIONS

Motorized Operations Training Package

- Purpose:
  - The Motorized Operations Training Package is designed as a crawl/walk/run approach to teach basic, standard motorized operations and immediate action drills.
- Description.
  - Academics
    - BFT
    - CREW
    - IED Defeat
    - Motorized Operations
  - Lane Training
    - PCC/PCI
    - IED Recognition/Defeat
    - Vehicle Recovery/CASEVAC
- Description (cont.).
  - Convoy/patrol along a designated route. Contacts consist of:
    - Unblocked/blocked near and far ambushes/attacks
    - Mines
    - IED resulting in a mass casualty evacuation
- Participants:
  - Unit Train-The-Trainers
  - GCE Combat Patrols
  - MLB convoys elements
  - MPs as security element
  - FW or RW CAS
  - CHERRY PICKER A/C

Range 410A



Participants:

- **Infantry Platoon**
  - **MMG Squads (2)**
  - **SMAW Team (2)**
  - **60mm Mortar Section**

Purpose:

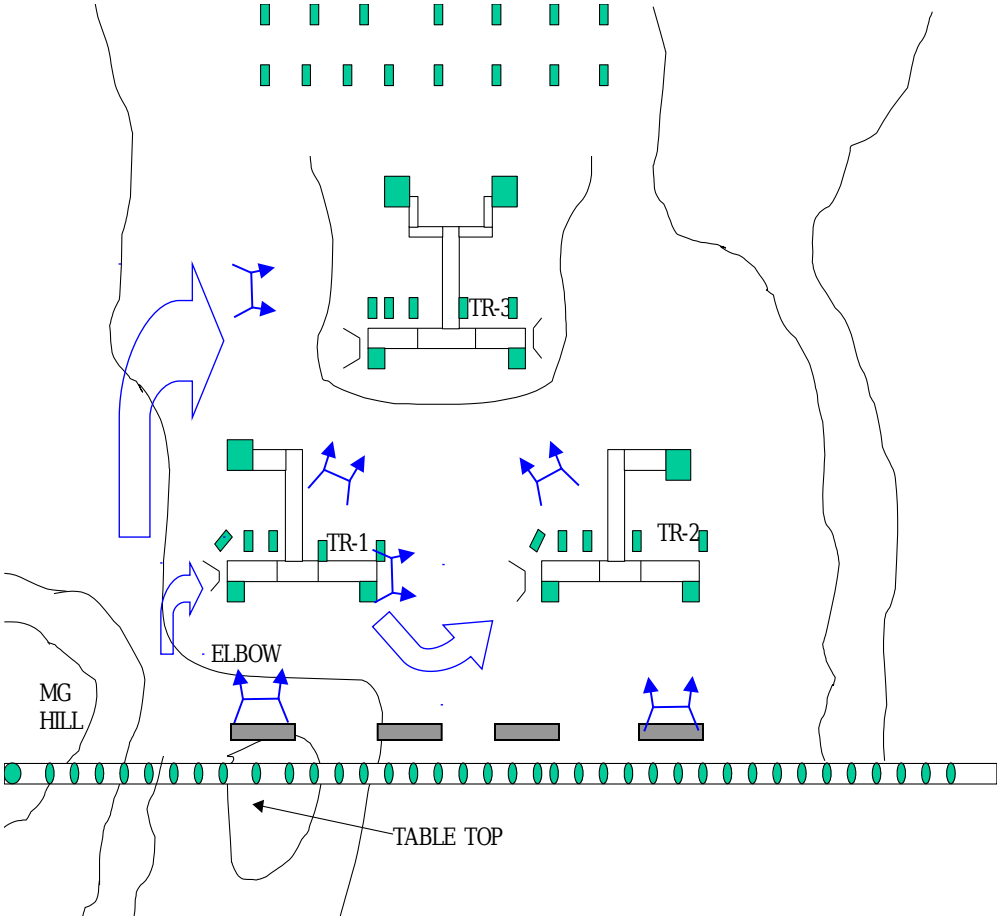
- **Platoon attack**

Description:

- **The objective consists of three objectives with two machinegun bunkers each, protected by a wire/mine obstacle and supported by a mortar squad.**

PLATOON FIRE AND MANEUVER

Range 410A (Modified)



Participants:

- CSS Element
  - MMG Ringmount (2)
  - MTVR or equivalent (2)
  - 40 Dismounts (max)

Purpose:

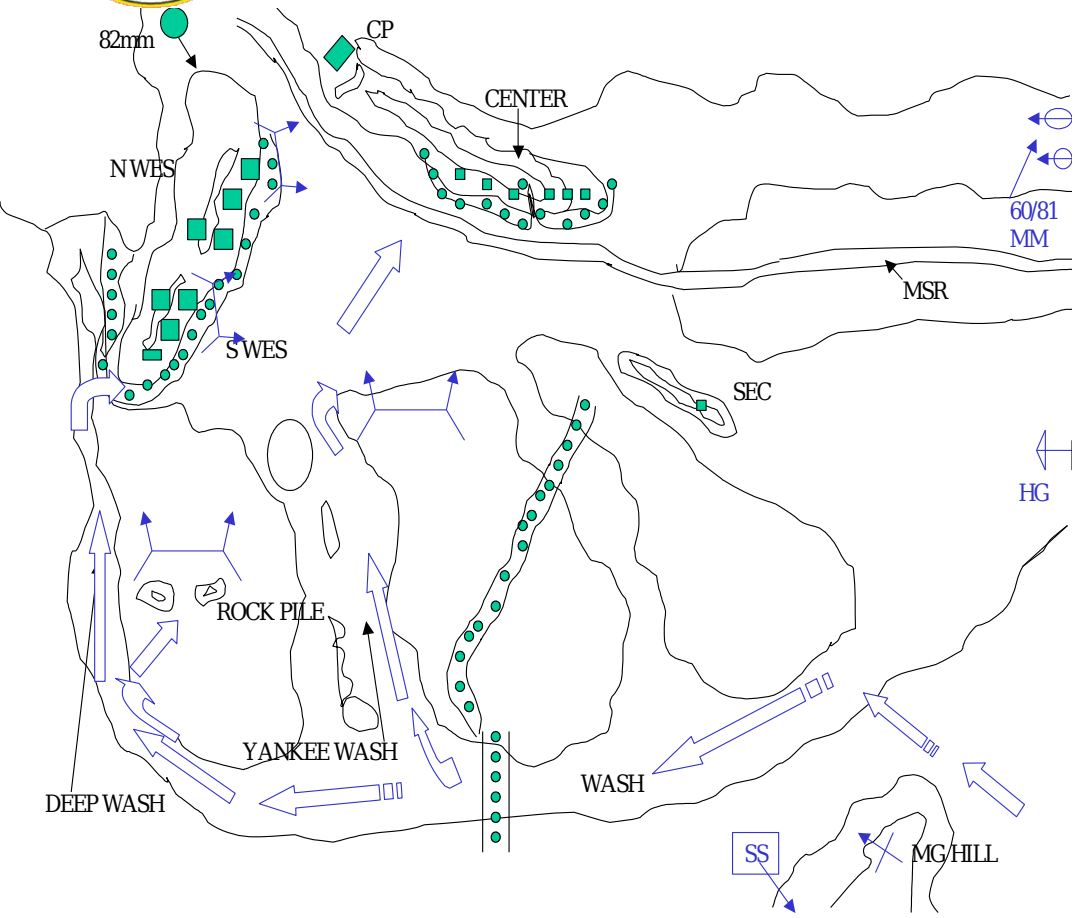
- Near Ambush Blocked IA Drill.

Description:

- The objective consists of three trenches with two machinegun bunkers each.

PROVISIONAL UNIT FIRE AND MANEUVER

Range 400



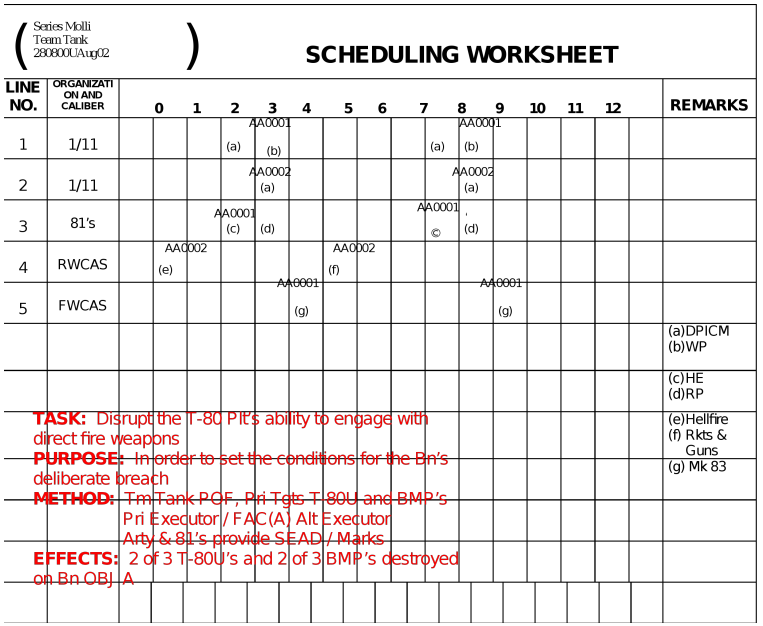
COMPANY FIRE AND MANEUVER

- Participants:
  - Rifle Company (+) with:
    - 81mm mortar section,
    - Hvy Guns squad j
    - Javelin Squad
    - Engineer squad
    - Sniper team
- Purpose:
  - Reinforced company deliberate attack.
- Description:
  - Consists of an OP
  - Mortar position
  - CP and two platoon positions
  - Three total hard targets and multiple machinegun bunkers on each

FiST Prac App

- Purpose:
  - Plan for and execute hasty and planned fires in offensive and defensive scenarios using Fixed and Rotary Wing Aviation with Artillery and mortars, and select triggers that support fire plans in an offensive scenario.
- Description:
  - Integrate Fixed Wing and Rotary Wing aviation in conjunction with Artillery and Mortar fires against a mechanized and ADA threats on CAST board.

- Participants:
  - All company commanders and their FiSTs.

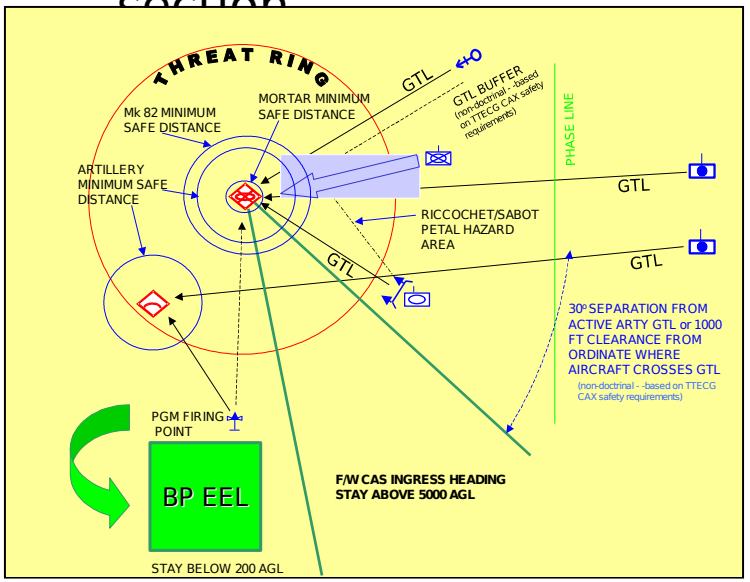


BLOCKING AND TACKLING OF FIRE SUPPORT

FSCEX I

- Purpose:
  - Development and refinement of FiST procedures.
- Description:
  - Each FiST should run at least one “Hasty Plan for Fires" or SEAD non-standard, combining artillery, 81mm mortars, FWCAS, RWCAS, and maneuver. The battalion Fire Support Coordination Center (FSCC) provides support, clearance and coordination. Night CAS will be conducted

- Participants:
  - Co FiSTs, Co Commanders (optional), FSCC, Artillery Battery, and 81mm mortar section


THREAT RING
Mk 82 MINIMUM SAFE DISTANCE
MORTAR MINIMUM SAFE DISTANCE
GTL
GTL BUFFER
(non-doctrinal - based on TTECG CAX safety requirements)
PHASE LINE
ARTILLERY MINIMUM SAFE DISTANCE
GTL
RICCOCHET/SABOT PETAL HAZARD AREA
GTL
GTL
30° SEPARATION FROM ACTIVE ARTY GTL or 1000 FT CLEARANCE FROM ORDINATE WHERE AIRCRAFT CROSSES GTL
(non-doctrinal - -based on TTECG CAX safety requirements)
PGM FIRING POINT
BP EEL
F/W CAS INGRESS HEADING
STAY ABOVE 5000 AGL
STAY BELOW 200 AGL

FSCEX IA/IB

- Purpose:
  - Development and refinement of FiST procedures, adding the CoCmdr, and integrating maneuver with fires.
- Description:
  - Continuation of FSCEX I. Bn FSCC clears fires for their companies. For IA There is a TEWT platoon-sized helicopterborne assault package with a subsequent emergency extract.
- Participants:
  - Bn FSCC clears/coordinates fires. There will be a total of five runs (Bn - 3, Tk Co - 1, LAR Co - 1), each lasting 1 1/2 hours. Each run requires 1 section of FWCAS and 1 section of RWCAS. Each Co requires 1 vehicle for the FiST and one for a notional maneuver element.

FIRES IN SUPPORT OF MANEUVER

Deliberate Assault Course (Motorized/Mechanized)

- Purpose:
  - The DAC is a reinforced infantry battalion, single maneuver element deliberate attack in sector.
- Description:
  - Isolate and cordon an urban area, using combined arms, and attack and support by fire positions. Once the cordon is established, breach likely IED areas along avenues of approach. Dismounted attack clears the urban area and is prepared to continue assault into exploitation targets

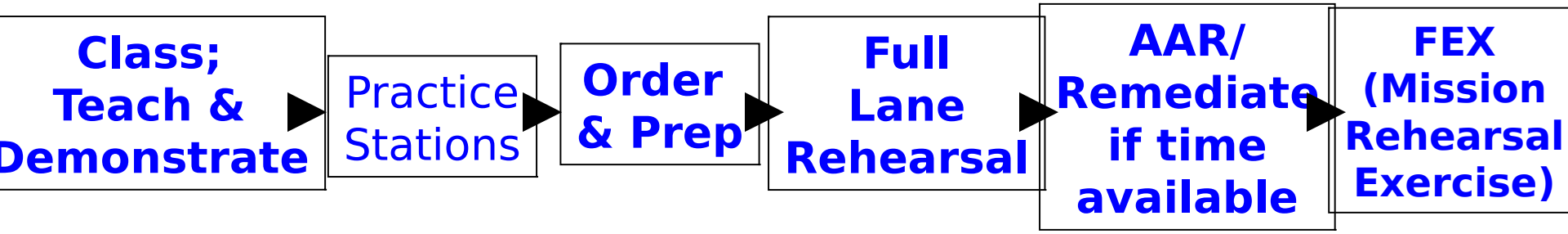
- Participants
  - GCE:
  - Infantry Bn COC consisting of S-3, S-2, and FSCC
  - Mechanized or motorized infantry company (Tm Mech option)
  - Tank platoon (Tm Tank option)
  - Organic weapons platoon
  - TOW/HMG section
  - OCD
  - 81mm mortar section
  - Recon Team.
  - Artillery battery
  - ACE:
  - FW and RW CAS
  - CHERRY PICKER A/C

HIGH INTENSITY COMBINED ARMS MISSION REHEARSAL

URBAN WARFARE TRAINING EVENT DESCRIPTIONS

UWT Training Design

- Training Design; Building Block Approach, Linked Event Progression



- Link-up early to discuss the sched, requirements, and expectations (issue FragO or WarnO as needed to better prep for the full rehearsal).
- Teach and demonstrate to the approved standard. (Pass on personal experiences for consideration).
- Practice the key performance steps (keep the unit productive; no couch potatoes!).
- Give time to issue order and PCI/PCC (I/C supervised).
- Conduct full rehearsal (Multiple I/C supervision from all angles/ functions).

Small Unit Lane Training

	D15	D16	D17	D18	D19	D20
Co 1	Mounted C&S		Mounted Patrol & VCP	Urban Assault		Tank Mech-Inf Integration
Co 2	Tank Mech-Inf Integration		Mounted C&S	Mounted Patrol & VCP		Urban Assault
Co 3	Urban Assault		Tank Mech-Inf Integration	Mounted C&S		Mounted Patrol & VCP
Co 4						Mounted C&S
Co 5	Mounted Patrol & VCP		Urban Assault			Mounted Operations
Snipers	Sniper Live Fire R 205				Urban Sniper Ops R 215	

Mounted Cordon & Search Lane

- Purpose:
  - Instruction and practical application to prepare an Infantry Platoon to plan, prepare, and conduct a Cordon & Search from a mounted patrol during daylight through urban terrain and a local population with unknown intentions given a specific situation and FragO.
- Description:
  - Stage 1: Classes
    - Taught off flip charts in R215.
  - Stage 2: Station Training
    - Conducted In R 215
  - Stage 3: Mission Prep
    - Orders/Rehearsals/PCC/PCI/Confirmation Brief
  - Stage 4: Plt Size Mission Rehearsal Event
- Participants:
  - Infantry Squad/Platoon
  - Need Tactical Lift for **Min** 2 Plts at a time

Mounted Patrol & Hasty VCP Lane

- Purpose:
  - Instruction, practical application to prepare an Infantry Platoon to plan, prepare, conduct a mounted, hasty VCP during daylight through a population of unknown intentions, given a general situation and FragO. (FEX includes snap, hasty VCPs during daylight and darkness).

- Description:
  - Stage 1: Classes
    - Taught off flip charts in R215.
  - Stage 2: Station Training
    - Conducted In R 215
  - Stage 3: Mission Prep
    - Orders/Rehearsals/PCC/ PCI/Confirmation Brief
  - Stage 4: Plt Size Mission Rehearsal Event
- Participants:
  - Infantry Squad/Platoon
  - Need Tactical Lift for **Min** 2 Plts at a time

Dismounted Urban Assault Lane

- Purpose:
  - Instruction and practical application to prepare an Infantry Platoon to plan, prepare, and conduct an unsupported, dismounted urban assault (actions on the objective) during daylight in urban terrain against an enemy force that is hiding amongst a local population of unknown intentions given SESSAMs equipment, a specific situation, and FragO.
- Description:
  - Stage 1: Classes
    - Taught off flip charts in R215.
  - Stage 2: Station Training
    - Conducted In R 215
  - Stage 3: Mission Prep
    - Orders/Rehearsals/PCC/PCI /Confimation Brief
  - Stage 4: Plt Size Mission Rehearsal Event
- Participants:
  - Infantry Squad/Platoon
  - SESSAMS Lane, Co will sign for barrels and PPE prior to Mission Rehearsal event

Tank Mech Integration Lane

- Purpose:
  - Instruction and practical application to prepare an Infantry Platoon to plan, prepare, and conduct a Tank and/or AAV supported, dismounted urban assault (hasty attack) as the forward element of a notional larger unit's movement to contact, during daylight in urban terrain against an enemy force that is hiding amongst a local population of unknown intentions given a Tank and/or AAV section, a specific situation, and FragO.
- Description:
  - Stage 1: Classes
    - Taught off flip charts in R215.
  - Stage 2: Station Training
    - Conducted In R 215
  - Stage 3: Mission Prep
    - Orders/Rehearsals/PCC/ PCI/Confimation Brief
  - Stage 4: Plt Size Mission Rehearsal Event
- Participants:
  - Infantry Squad/Platoon
  - Unit needs 1 tank Plt and 2 AAV Sect

Urban Sniper Lane

- Purpose:
  - Sniper Instructor provides instruction and live fire training in an urban environment.

- Description:
  - Snipers to employ individual and team urban shooting skills, construct urban hides, and move through urban terrain, during day and night.

- Participants:
  - Scout Sniper Plt

Bn Level Events/classes

- Battalion COC Considerations.
- Human Dimension of Combat.
- Threat TTP Update.
- Counter Insurgency Overview.
- Rules of Engagement.
- Information Operations.
- Training a Foreign Military (FID/ QRF Integration).
- Targeting.
- Civil Military Affairs.
- Tactical Cultural Awareness.
  - Iraqi Language Workshop.
  - “Town Meeting” practical application.
- Command Post Exercise.
- Civil Military Operations.
- Personnel Recovery Operations.
- Using Interpreters.

Bn CPX

- Purpose:
  - Command and Control
    - Information Management
  - Mission rehearsal for the FEX

- Description:
  - Executed on the day prior to the FEX. Master Scenario Event Listings are provided to the training unit by Coyotes located at the Battalion and Company CPs to aid them in exercising the COC operations and personnel in preparation for the FEX. All MSELs are tied into the Common Intel Training Environment and Common Operational Training Environment.

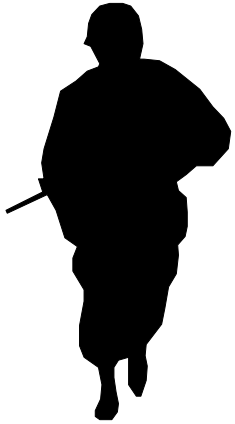
- Participants:
  - Bn & Co COC personnel

FEX

- Purpose:
  - Immerse the Bn into an urban “Iraqi” environment
  - Focus is individual and small unit
  - Tactical decision making and cultural awareness
  - Bn and Co staff are challenged during three block war scenarios
  - Provide immediate feedback on SOPs

- Description:
  - 72 hour exercise involving kinectic and non-kinetic Master Scenario Event Listings (MESLs) to exercise the training unit operating in an urban environment.

- Participants:
  - Training unit
  - Role Players
    - 257 Contractorsl
    - 90 Arab Linguists



Questions

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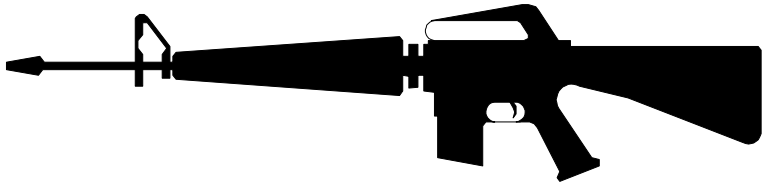
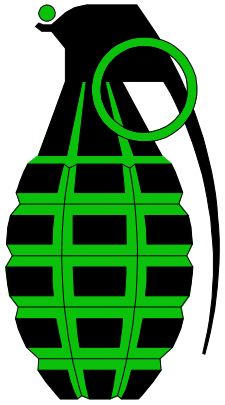




OCD Prac App

- Purpose:
  - Orient heavy equipment operators, combat engineer officers, SNCOs and NCOs, tank with mine plow crews, and AAV crews on techniques and procedures for explosively and mechanically breaching obstacles.
- Description:
  - Following the lecture portion, the OCD rehearses breaching an obstacle at the direction of the GCE engineer platoon commander or the MAGTF engineer.
- Participants:
  - MAGTF engineer, the GCE engineers, the ACE engineers, the CSSE engineers, the M1A1 w/ TWMP crews, all GCE heavy equipment operators, designated ACE/ CSSE heavy equipment operators, a corpsman, and other designated personnel.

Helicopterborne Assault Course

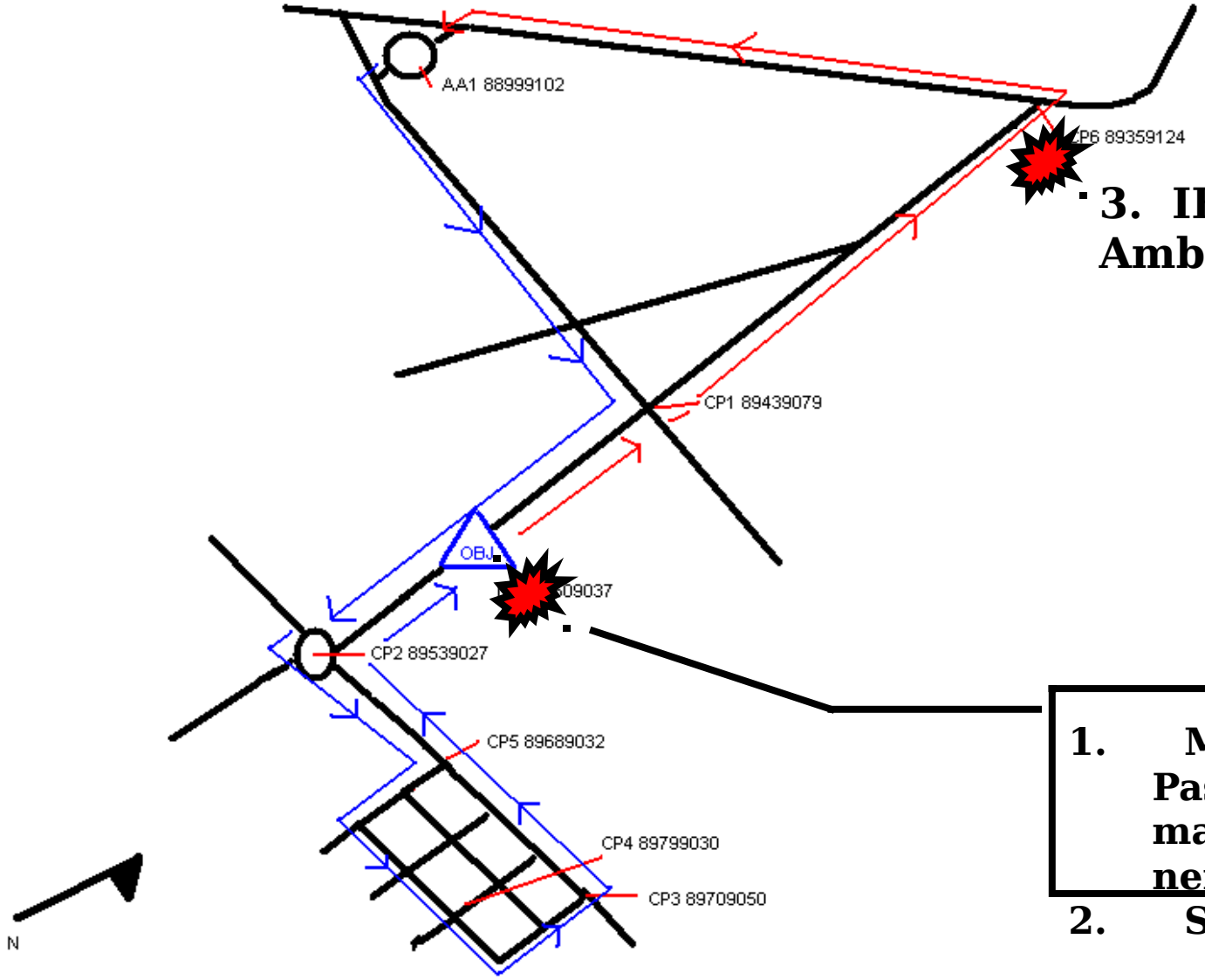
- Purpose:
  - The HAC consists of a live-fire helicopterborne company attack to include extract.
- Description:
  - Target refinement, shaping with combined arms, assault door gunnery, immediate action to enroute threat, tactical insert, and deliberate attack into an urban environment.
  - The helicopterborne force will then extract while engaging potential enemy reaction forces to include IDF and POO counterbattery.

HIGH INTENSITY COMBINED ARMS MISSION REHEARSAL

Mounted Cordon & Search Lane

- React to IED
- Search of site/personnel
- Shift objectives
- React to sniper/SAF
- Handle detainees
- Process casualties

Mounted Patrol & Hasty VCP Lane



3. IED/SAF Ambush

1. Male/Fem Pass, IED material, nervous

2. SVBIED/EOF

Dismounted Urban Assault Lane